



[4910-13-P]

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. FAA-2019-0566; Product Identifier 2018-CE-035-AD; Amendment 39-21182; AD 2020-15-19]**

**RIN 2120-AA64**

**Airworthiness Directives; Pacific Aerospace Limited Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

**ACTION:** Final Rule

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for Pacific Aerospace Limited Model 750XL airplanes. This AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as ineffective firewall sealing for firewall wiring penetrations. The FAA is issuing this AD to require actions to address the unsafe condition on these products.

**DATES:** This AD is effective [INSERT DATE 20 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in the AD as of [INSERT DATE 20 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**ADDRESSES:** For service information identified in this AD, contact Pacific Aerospace Limited, Airport Road, Hamilton, Private Bag 3027, Hamilton 3240, New Zealand; phone: +64 7843 6144; fax: +64 843 6134; email: [pacific@aerospace.co.nz](mailto:pacific@aerospace.co.nz); internet: [www.aerospace.co.nz](http://www.aerospace.co.nz). You may view this referenced service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. It is also available on the internet at <https://www.regulations.gov> by searching for Docket No. FAA-2019-0566.

#### **Examining the AD Docket**

You may examine the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0566; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, the NPRM, the regulatory evaluation, any comments received, and other information. The address for Docket Operations is U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

**FOR FURTHER INFORMATION CONTACT:** Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Standards Branch, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: [mike.kiesov@faa.gov](mailto:mike.kiesov@faa.gov).

## **SUPPLEMENTARY INFORMATION:**

### **Discussion**

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to Pacific Aerospace Limited Model 750XL airplanes. The NPRM was published in the *Federal Register* on August 6, 2019 (84 FR 38146). The NPRM proposed to correct an unsafe condition of the specified products and was prompted by MCAI AD DCA/750XL/31, dated July 5, 2018, issued by the Civil Aviation Authority (CAA) of New Zealand. The MCAI states:

During a review of the installation of the aircraft main loom [part number] P/N 11-81021, possible ineffective sealing was identified for firewall wiring penetrations. DCA/750XL/31 is issued to mandate the instructions in Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/XL/101 issue 1, dated 9 May 2018, or later approved revision to improve the firewall sealing by installing new components (firewall penetration tubes, firesleeve and hose clips).

The CAA advised the design is non-compliant with regard to the fireproof requirements for firewalls. Ineffective sealant may fail to prevent fire propagation through the firewall, which could result in smoke or fire in the cockpit. The CAA issued the MCAI to correct this unsafe condition.

You may examine the MCAI on the internet at: <https://www.regulations.gov> by searching for FAA-2019-0566-0002.

### **Comments**

The FAA gave the public the opportunity to participate in developing this AD. The FAA received no comments on the NPRM or on the determination of the cost to the public.

## **Conclusion**

The FAA reviewed the relevant data and determined that air safety and the public interest require adopting the AD as proposed.

## **Related Service Information under 1 CFR part 51**

The FAA reviewed Pacific Aerospace Mandatory Service Bulletin PACSB/XL/101, Issue 1, dated May 9, 2018. The service information provides instructions for installing improved firewall sealing for wiring penetration looms and correcting any damaged or chafed looms. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the ADDRESSES section.

## **Costs of Compliance**

The FAA estimates that this AD will affect 22 products of U.S. registry. The FAA also estimates that it will take about 8 work-hours per product to comply with the basic requirements of this AD. The average labor rate is \$85 per work-hour. Required parts will cost about \$385 per product.

Based on these figures, the FAA estimates the cost of this AD on U.S. operators to be \$23,430, or \$1,065 per product.

According to the manufacturer, some of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected individuals. The FAA does not control warranty coverage for affected individuals. As a result, the FAA has included all costs in our cost estimate.

### **Authority for This Rulemaking**

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency's authority.

The FAA is issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: General requirements. Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

### **Regulatory Findings**

This AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this AD:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Will not affect intrastate aviation in Alaska, and
- (3) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

## **List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

### **Adoption of the Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

### **PART 39 - AIRWORTHINESS DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

#### **§ 39.13 [Amended]**

2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):

2020-15-19 **Pacific Aerospace Limited:** Amendment 39-21182; Docket No.

FAA-2019-0566; Product Identifier 2018-CE-035-AD.

#### **(a) Effective Date**

This AD becomes effective [INSERT DATE 20 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

#### **(b) Affected ADs**

None.

#### **(c) Applicability**

This AD applies to Pacific Aerospace Limited Model 750XL airplanes, serial numbers up to and including 221, certificated in any category.

**(d) Subject**

Air Transport Association of America (ATA) Code 71: Power Plant.

**(e) Reason**

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The FAA is issuing this AD to prevent fire propagation through the firewall because of ineffective sealant, which could result in smoke or fire in the cockpit.

**(f) Actions and Compliance**

Unless already done, within 3 months after [INSERT DATE 20 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER] (the effective date of this AD) or within 300 hours time-in-service after [INSERT DATE 20 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER] (the effective date of this AD), whichever occurs first, install new sealant components into the main loom firewall penetration hole and the ADAS or DAAM firewall penetration holes if installed by following the Accomplishment Instructions in Pacific Aerospace Mandatory Service Bulletin PACSB/XL/101, Issue 1, dated May 9, 2018, except you are not required to contact Pacific Aerospace Limited if there is any chafing or damage on a loom. Instead, your repair must be accomplished before further flight using a method approved by the Manager, Small Airplane Standards Branch, FAA, using the contact information in paragraph (g) of this AD, or approved by the Civil Aviation Authority (CAA) of New Zealand. For a repair method to be approved as required by this paragraph, the FAA or CAA approval letter must specifically refer to this AD.

**(g) Alternative Methods of Compliance (AMOCs)**

The Manager, Small Airplane Standards Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Standards Branch, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: [mike.kiesov@faa.gov](mailto:mike.kiesov@faa.gov). Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

**(h) Related Information**

Refer to MCAI CAA AD DCA/750XL/31, dated July 5, 2018, for related information. The MCAI can be found in the AD docket on the internet at: <https://www.regulations.gov/document?D=FAA-2019-0566-0002>.

**(i) Material Incorporated by Reference**

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) Pacific Aerospace Mandatory Service Bulletin PACSB/XL/101, Issue 1, dated May 9, 2018.

(ii) [Reserved]



(3) For service information identified in this AD, contact Pacific Aerospace Limited, Airport Road, Hamilton, Private Bag 3027, Hamilton 3240, New Zealand; phone: +64 7843 6144; fax: +64 843 6134; email: [pacific@aerospace.co.nz](mailto:pacific@aerospace.co.nz); internet: [www.aerospace.co.nz](http://www.aerospace.co.nz).

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. In addition, you can access this service information on the internet at <https://www.regulations.gov> by searching for Docket No. FAA-2019-0566.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email: [fedreg.legal@nara.gov](mailto:fedreg.legal@nara.gov), or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on July 22, 2020.

Lance T. Gant, Director,  
Compliance & Airworthiness Division,  
Aircraft Certification Service.

[FR Doc. 2020-16395 Filed: 7/29/2020 8:45 am; Publication Date: 7/30/2020]